

3245 MAREPOX TOPCOAT

PRODUCT DATA SHEET

Two-component high-resistance anti-corrosion topcoat, based on special epoxy resin. Specially designed for long-term operation of metal structures, pipes, oil tanks. Used when reliable surface protection with a durable coating and quick drying are important. Used in highly aggressive environments. Excellent surface at 90% humidity.

Type: Polyamide curing epoxy

Usage: Steel Industry, Manufacturing Industry, Concrete Epoxy Flooring

Physical Information:

Finish:	Semi-Matte
Colors:	Standard colours (e.g. RAL)
Volume Solids:	80% ± 2 (varies depending on color)
VOC (mixed):	175 g/l
Density:	At 20 °C 1.38 ± 0.20 kg/l
Theoretical Coverage:	At a dry film thickness of 125 µm: 6,4 m ² /l
Heat Resistance:	120 °C (dry load) Aluminum 150 °C
Shelf life:	In original well shut packaging 12 months, stored inside at temperatures between 5 °C and 40 °C.
Potlife:	4 Hours 20 °C
Thinner:	Markaj epoxy Thinner

Mix Ratio: 4:1 by weight

Processing Data

	Airless spray	Brush-roller	Airspray
Thinner	-	-	-
Amount	5 vol.%	10 vol.%	10-20 vol.%
Nozzle	min. 0.021 inch	n.a	1.2-1.7 mm
Flow pressure	160 bar	n.a	3-5 bar
Dry film thickness	50 µm	50 µm	50 µm

Cleaning tools: Immediately after application using thinner T-10.

Mixing Instructions: preferably using a mechanical mixing device. The temperature of the mixed product should at least be 10 °C during application.

Drying Times

	10 °C	20 °C
Touch:	2 hours	1.5 hours
Handle:	2.5 hours	2 hours
Recoat:	2.5 hours	2 hours

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Surface Preparation

Steel Roughness profile 10 – 25 µm

Untreated Steel The surface needs to be pretreated according ISO12944 part 4 § 6.2.3. Remove grease, oil, dirt etc.

Application Conditions

Application temperature should be in the range of 5°C to 40°C to get the perfect result. Keep application area well ventilated during application and drying, in order to reduce evaporated solvents. This is necessary to acquire good drying conditions and for the good of the applicators' health.

Environment and health

Harmful and irritating in contact with skin, eyes and by inhalation. In case of eye contact, immediately wash with large amounts of water and contact a medical expert. Do not eat, drink or smoke during application.

Maintenance

It is recommended to clean the surface regularly and to inspect the coats of paint for defects annually. Touch up any defects with the original paint system.

Packaging

25 kg cans.

Notes: All information provided in this technical bulletin may change from time to time as a result of experience, developments in raw materials, and research and development activities. For additional information, please contact your regional sales representative or MARKAJ directly (Istanbul).